

1                   **CRYPTOGRAPHIC KEYS USING RANDOM NUMBERS INSTEAD OF**  
2                   **RANDOM PRIMES**

3                   **ABSTRACT**

4   The present invention provides systems, apparatus and methods for providing  
5   cryptographic keys which are usable in a network of connected computer nodes applying  
6   a signature scheme. Further, the present invention provides systems, apparatus and  
7   methods for providing a signature value on a message in a network of connected  
8   computer nodes, and systems, apparatus and methods for verifying the signature value on  
9   the message.

10   [Fig. 2]